

ABSTRACT OF THE DISCLOSURE

A Bluetooth private network comprises Bluetooth access points, each functioning as a base station in each of Bluetooth piconets, a gateway for functioning as an interface between a public network and the Bluetooth private network, sending a beacon signal to each of the

- 5 Bluetooth devices in local Bluetooth networks to locate the Bluetooth device and a router for functioning as an interface between each of said Bluetooth access points. The Bluetooth device has a power measuring device therein that measures output power signals of a plurality of Bluetooth access points. When the Bluetooth device is moving from one piconet to another, the Bluetooth device compares the power signals received from two Bluetooth access points and
- 10 links to the Bluetooth access point with the power signal that exceeds a predetermined level.